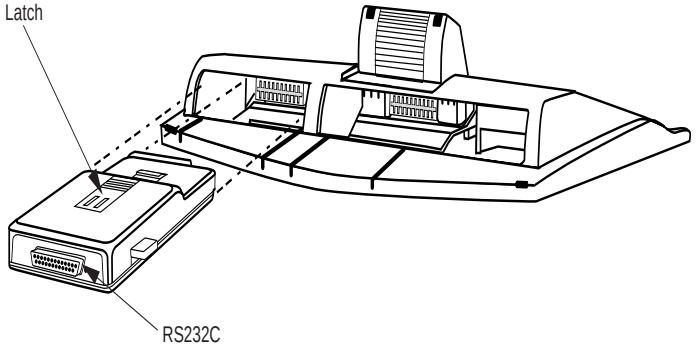
M3900 Series Computer Telephony Integration Adapter

The M3900 Series Computer Telephony Integration Adapter (CTIA) provides an interface between M3900 Series telephones (M3902, M3903, and M3904) and your PC for first party call control applications.

Your PC connects to the CTIA through an RS-232-C serial cable. The CTIA is a small cartridge that fits into either slot in footstand of the telephone. The CTIA requires that you have an Accessory Connection Module (ACM) installed in your telephone (See the Accessory Connection Module Installation Guide for more information). Check with your Nortel Networks distributor for the recommended transformer for use with the M3900 Series cartridge accessories.



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How to install the CTIA

1. Ensure that an Accessory Connection Module (ACM) is properly installed in your M3900 Series telephone (refer to the ACM Installation Sheet for details).
2. Insert the CTIA accessory cartridge into either the small or large port on the ACM. The cartridge must be face up with latch on top, as shown above.
3. Connect an RS-232-C serial cable to the PC and the CTIA.

   Note: The RS-232-C serial cable is not included with your CTIA. The cable must have a male DB25 connector to interface with the CTIA. The other end must be terminated with a connector that mates with the connector on the back of your computer. Contact your Nortel Networks distributor for recommended RS-232-C cables.

RS-232-C pin requirements

Pin	Function	Description
2	TX	Transmit
3	RX	Receive
4	RTS	Request to Send
5	CTS	Clear to Send
6	DSR	Data Set Ready
20	DTR	Data Terminal Ready
7	GND	Ground Signal

Physical Environment

Temperature range	0° to 50°C (32° to 104°F).
Relative humidity	5% to 95% (non-condensing). At temperatures above 34°C (93°F) relative humidity limited to 53 mbar of water vapor pressure.

Storage

Temperature range	–50° to 70°C (–58° to 158°F).
Relative humidity	5% to 95% (non-condensing). At temperatures above 34°C (93°F) relative humidity limited to 53 mbar of water vapor pressure.

Note: The CTIA is not supported on the Meridian SL-100.